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anti-Plexin B2 antibody (AA 1458-1673)



Image



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Alternative Name:

Background:

Quantity:	100 μL
Target:	Plexin B2 (PLXNB2)
Binding Specificity:	AA 1458-1673
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Plexin B2 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)
Product Details	
Immunogen:	Recombinant Human Inhibitor of nuclear factor kappa-B kinase-interacting protein (1458-
	1673AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Antigen Affinity purified & Affinity purified
Target Details	
Target:	Plexin B2 (PLXNB2)

Background: Cell surface receptor for SEMA4C, SEMA4D and SEMA4G that plays an important

PLXNB2 (PLXNB2 Products)

role in cell-cell signaling. Binding to class 4 semaphorins promotes downstream activation of RHOA and phosphorylation of ERBB2 at \'Tyr-1248\'. Required for normal differentiation and migration of neuronal cells during brain corticogenesis and for normal embryonic brain development. Regulates the migration of cerebellar granule cells in the developing brain. Plays a role in RHOA activation and subsequent changes of the actin cytoskeleton. Plays a role in axon guidance, invasive growth and cell migration. May modulate the activity of RAC1 and CDC42. Down-regulates macrophage migration in wound-healing assays (in vitro) (By similarity).

Aliases: PLXNB2 antibody, KIAA0315 antibody, Plexin-B2 antibody, MM1 antibody

UniProt:

015031

Pathways:

Tube Formation

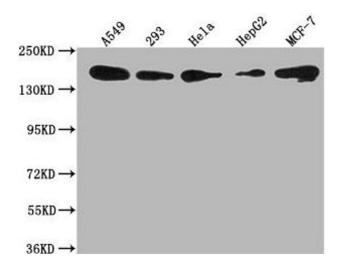
Application Details

Application Notes:	Recommended dilution: WB:1:500-1:2000,
Application Notes.	recommended dilation. VD.1.000 1.2000,

Restrictions: For Research Use only

Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Western Blotting

Image 1. Western Blot Positive WB detected in: A549 whole cell lysate, 293 whole cell lysate, Hela whole cell lysate, HepG2 whole cell lysate, MCF-7 whole cell lysate All lanes: PLXNB2 antibody at 1:1000 Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 206 kDa Observed band size: 206 kDa